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1

SEQUENCE LISTING

<110> SHEPARD, H. MICHAEL
LACKEY, DAVID B.
CATHERS, BRIAN E.
SERGEEVA, MARIA V.

<120> METHODS FOR IDENTIFYING THERAPEUTIC TARGETS FOR
TREATING INFECTIOUS DISEASE

<130> NB-2017.00

<140> 09/910,345
<141> 2001-07-20

<150> 60/219,598
<151> 2000-07-20

<150> 60/244,953
<151> 2000-11-01

<150> 60/276,728
<151> 2001-03-16

<160> 12

<170> PatentIn 2.1

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<212> PRT
<213> Pseudomonas aeruginosea

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<222> 1,60

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1 5 10 15
Asp Thr Val Tyr Cys Ile Pro Gly Glu Ser Tyr Leu Pro Val Leu Asp
20 25 30
Ala Leu Tyr Asp Thr Asp Gly Ile Arg Thr Val Val Thr Arg His Glu
35 40 45
Gly Ala Ala Ser Asn Met Ala Asp Ala Tyr Gly Lys
50 55 60

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of SEQ ID NO: 1 to SEQ ID NO: 3

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Arg Gly Gly Leu Arg Val Gly Pro Leu Ala Gly Ile Arg Val Thr Arg
1 5 10 15

His Glu Ala Asp Ala
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<210> 3

<211> 59

<212> PRT

<213> Homo sapiens

<220>

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<222> 1,59

<221> NON_CONS

<222> (34)...(35)

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Arg His Gly Gly Glu Asn Val Ala Ala Val Leu Arg Ala His Gly Val
1 5 10 15

Arg Phe Ile Phe Thr Leu Val Gly Gly His Ile Ser Pro Leu Leu Val
20 25 30

Ala Cys Glu Lys Leu Gly Ile Arg Val Val Asp Thr Arg His Glu Val
35 40 45

Thr Gly Val Phe Ala Ala Asp Ala Met Ala Arg
50 55

<210> 4

<211> 60

<212> PRT

<213> Pseudomonas aeruginosea

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<222> 1,60

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Leu Thr Gly Arg Pro Gly Ile Cys Phe Val Thr Arg Gly Pro Gly Ala
1 5 10 15

Thr His Ala Ala Asn Gly Val His Thr Ala Gln Gln Asp Ser Thr Pro
20 25 30

Met Ile Leu Phe Val Gly Gln Val Glu Ser Ala Phe Lys Gly Arg Glu
 35 40 45

Ala Phe Gln Glu Val Asp Tyr Val Gln Met Phe Ser
 50 55 60

<210> 5
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 17-18,18-19,20-21

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 Leu Gly Gly Val Thr Gly Pro Gly Thr Val Ala Gln Pro Leu Gly Arg
 1 5 10 15

Ala Gln Val Asp Phe
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<210> 6
 <211> 60
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> 1,60

<400> 6
 Leu Ser Gly Thr Val Gly Val Ala Ala Val Thr Ala Gly Pro Gly Leu
 1 5 10 15

Thr Asn Thr Val Thr Ala Val Lys Asn Ala Gln Met Ala Gln Ser Pro
 20 25 30

Ile Leu Leu Leu Gly Gly Ala Ala Ser Thr Leu Leu Gln Asn Arg Gly
 35 40 45

Ala Leu Gln Ala Val Asp Gln Leu Ser Leu Phe Arg
 50 55 60

<210> 7
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 <213> Pseudomonas aeruginosea

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 <222> 1,55

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 Gly Leu Ala Lys Trp Ala Val Glu Ile Asp Arg Ile Glu Arg Ile Pro
 1 5 10 15
 Glu Ile Val Gly Arg Ala Phe Ser Val Ala Thr Ser Gly Arg Pro Gly
 20 25 30
 Pro Val Val Val Ala Leu Pro Glu Glu Ile Leu Phe Gly Ser Ala Gln
 35 40 45
 Val Ala Asp Ala Pro Glu Pro
 50 55

<210> 8
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<400> 8
 Leu Lys Val Arg Ile Ala Ser Gly Pro Gly Pro Val Val Leu Pro Leu
 1 5 10 15

Val Pro

<210> 9
 <211> 55
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> 1,55

<221> MOD_RES
 <222> (22)
 <223> Any Amino Acid

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 Pro Leu Cys Lys Phe Cys Val Ser Val Pro Arg Val Arg Asp Ile Val
 1 5 10 15

Pro Thr Leu Arg Ala Xaa Met Ala Ala Ala Gln Ser Gly Thr Pro Gly
 20 25 30

Pro Val Phe Val Glu Leu Pro Val Asp Val Leu Tyr Pro Phe Phe Met
 35 40 45

Val Gln Lys Glu Met Val Pro
 50 55

<210> 10
 <211> 54
 <212> PRT
 <213> Pseudomonas aeruginosea

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 <222> 1,54

<400> 10
 Leu Leu Leu Glu Asn Glu Pro Gly Ala Leu Ser Arg Val Val Gly Leu
 1 5 10 15

Phe Ser Gln Arg Asn Tyr Asn Ile Glu Ser Leu Thr Val Ala Pro Thr
 20 25 30

Glu Asp Pro Thr Leu Ser Arg Leu Thr Leu Thr Thr Val Gly His Asp
 35 40 45

Glu Val Ile Glu Gln Ile
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<400> 11
 Leu Leu Leu Pro Gly Leu Arg Asn Asn Ala Asp Pro Leu Gly His Glu
 1 5 10 15

Val Ile

<210> 12
 <211> 53
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 <213> Homo sapiens

<220>
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 <222> 1,53

<221> NON_CONS

<222> (42)..(43)

<400> 12

Leu Leu Leu Leu Ser Leu Pro Gly Leu Ala Ala Gly Ile Thr Ile Leu
1 5 10 15

Leu Thr Asp Arg Asn Leu Asn Thr Thr Phe Phe Asp Pro Ala Gly Gly
20 25 30

Gly Asp Pro Ile Leu Tyr Gln His Leu Phe Ile Phe Gly His Pro Glu
35 40 45

Val Tyr Asn Arg Ile
50